

## SEQUENCE LISTING

110> Albert Paul; and Lemonde, Sylvie

<120> Mutations of the 5' region of the human 5-HT1A gene, associated proteins of the 5' region and a diagnostic test for major depression and related mental illnesses

<130> 881014US1

· <140> 09/430,412

<141> 1999-10-29

<150> 60/106,375 <151> 1998-10-30

<160> 7

<170> PatentIn Ver. 2.1

<210> 1

<211> 3045

<212> DNA

<213> human

```
<400> 1
atcatcaata atatccqtta taaaqcttqc ttttctttag gttaacttta gaggccttga 60
agaataagag ctcatctctt tacaggagct ttggtttgca gcatttactt aagaaatatt 120
tggtattctg tatctttaag agttaaacat agaagaattg gctaagtgaa aatgaatgaa 180
acqcaatatc attctqcata tatcatttat tatatatcac agtattatta gttttaaaaag 240
ttaaacataa atatctatta tqycattqsa cqaytagqys aacctartcr gtgctgcgaa 300
tactttcqat acttctqttt ccctcctagt attcataagt gtgcctttga aaacgtttta 360
aattgtaaga aataaaatgt ttgatatatt atgtatatta ttactaagaa aaaacttgaa 420
ttactttgga ttttgaaaaa ctttgataaa ttctacatca tagcatattg aagcaagaat 480
aacaaatgct atacctcagg aatattaatt ccagatttta cagcatttta actttcttga 540
tgagaaaaaa taaatttgtc agttattaaa ctatttggat ccaacagatg aaagcagaat 600
tctaactaac atatttattg atttatttgt gatttacata tttacatgtg ttgtttgaca 660
caattettaa ttatgttett gatatgeata tatttgette ttaaatttta agttteettt 720
attttacttt gtttatagtc tcaactataa tttcaaagtt taattttaga taattcagcc 780
ttttaaatat tttcccatta taatttttgt gacctctaac tctattttaa ctgtaaatat 840
agttctgtat ttgtgaagag actttagaag tggaaataga taccttcaca aatcttaaaa 900
qacttettea gagtetgtaa acageattae catgtataet tatetette tttgcatgee 960
atqatcatca caatqcatqq ctcatqtqqt qgcatqctqa atqattqaqt qgqactqtqc 1020
caqctqaact ataaaaaaaa aaaacaaaca aaaccttatc caaacacact gtcctgtatt 1080
gtaatgcatt ggcccaactg gattcttttt gatgctttgg tgattgctct tttgtttggg 1140
cttggagaat tcagagctat gaaattcaga gctcagattt gaacacaata ttaagattat 1200
tgcaatctgt agtgaatctg ttcatgttat ccagtgtcaa ctgcttttga gattgcattc 1260
ctttcacctc aggcatgcaa tcaggatgta taagtgaaat qttgtgtggt atgtttactg 1320
tagttgctta gaagtccatt ctttaccaat gctcaaatgt gattaaattt gttttcttgt 1380
taaaqqaaac agcttagaac aaacccttgt aagtatcttt atttcagtga tttaacattt 1440
ccaaatqtta aatcatttgg aaaatgcaat actattcgtt tctccaacaa aaggtaaatt 1500
tatgtcagtt ccaaagttca ggttatgaca gcacaaaacc aacacaggtg aaagtgttag 1560
cctagcttta ttaaaatggc attcccagtt agaacttgtg aatgacagat acttcaggct 1620
ttcgaaggaa gctaaaacat ataataggcc tgatatataa ggttcagagc aaaagagggc 1680
actaaaataa atttttaaag aaaataggaa ggagacaaaa ctcaatacta ccttgtcttt 1740
taataactgt cttcctcttt ctaaaagttg ttgtatttcc tcaatacttg cttcatttct 1800
ggcataaggg tttccagatg gcactctaaa acatttgcca gaaggtggcg aacataaaac 1860
ctcattgctt agaactgtcc caggtgctga acccagtttc tgagattaag agaggctagc 1920
cggctagcga accgggattc caccaagttt cccccagagg tttgcaggct ctggtaagaa 1980
```

SEP 1 7 2003 TECH CENTER 1600/2900

RECEIVED

```
qtqcaaaaqq ccatqtqaaa tqccaqqctt cacttagaac acatatqcaa aatatttcca 2040
 teectgaatt tactageeac aaagetatgg gaagtggeag tgteactgaa attacaagtg 2100
 tagtagtgat ggaaaagtgt gtgtgttt agaatatata tcacactgag ttttgttctt 2160
catttegaga tgeagttgtt taceteteet tgteetttga caegteettt ataatttegt 2220
 tctctcccgg ttccccaacg ttaaaaaaaa agtcacaggc aatattctcc ctgagggagt 2280
 aaggetggae tgttagatga taacggaggt accgttttgt tgttgttgtc gtcgttgttc 2340
 gtttgttttt ggagacggag tctcqctctg tcgcccaggc tggagtgcaa tggcgcgaga 2400
 acqqaqqtaq ctttttaaaa acqaaqacac actcqqtctt cttccatcaa ttaqcaataa 2460
 ttgggagact gacccaggac tgttcacctt cccattcagg ctccctatgc ttccttttct 2520
 catctcctat tgccactctg ggatgctgac acgatttaag aatttggcag ataatatgag 2580
gcaaggagta gttggaatte cetececcaa gtttttecaa eeccagtttt getgggttgg 2640
 aggeggagtt tatttgttac aacettggte tgaceggeag gatetggtgt gtgtaagtga 2700
 qttctqagtc tctgttgaca aaaagagact cgaatgcaaa gacgctgagc tagagggaga 2760
 qqaqqqqqq gacccagagg aaagaggcac tcctcggggt tggggaagta ttaggagggg 2820
 aggqttagag tgggagggaa ggagcctggc tttcgaagcg actcacagag ggataaataa 2880
 agggaaqtga ggaggaagag ggagactgaa agggaaggca ggtggggaga agggggacga 2940
 aaqaqqcaqa aqaqaqaa qagaggagga qaqaqqqqqa qagaggqaaq qaaggaaata 3000
 qqqaqaqqaq qgtcacaqaq tgaccgtgga ggatqgggct tctcg
                                                                    3045
 <210> 2
 <211> 24
 <212> DNA
 <213> human
 <220>
 <221> misc features
 <222> (1)...(24)
 <223> n=a, c, g, or t
 <400> 2
                                                                    24
 aacgaagacn nnnnnngtct tctt
 <210> 3
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: sense primer
 <400> 3
                                                                    20
 gtggcgaaca taaaacctca
 <210> 4
 <211> 21
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: antisense
       primer
 <400> 4
 ttcttaaatc gtgtcagcat c
                                                                    21
```

	<210> 5 <211> 29 <212> DNA <213> human	
	<400> 5 ttaaaaacga agacacactc ggtcttctt 2	29
i	<210> 6 <211> 29 <212> DNA <213> human	
	<400> 6 ggaagaagac cgagtgtgtc ttcgttttt 2	29
	<210> 7 <211> 31 <212> DNA <213> rat	
	<400> 7 cggcataagc aagcccttat tgcacagagc t	31

Page 3